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22386 U.S. PTO  
10/662924  
09/10/03

<p align="center"><b>UTILITY PATENT APPLICATION TRANSMITTAL</b></p> <p align="center"><i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i></p>	<i>Attorney Docket No.</i>	Seree01-2003
	<i>First Inventor</i>	Dr. Seree Pakarnseree
	<i>Title</i>	
	<i>Express Mail Label No.</i>	

<p><b>APPLICATION ELEMENTS</b>  <i>See MPEP chapter 600 concerning utility patent application contents.</i></p>	<p><b>ADDRESS TO:</b>          Mail Stop Patent Application          Commissioner for Patents          P.O. Box 1450          Alexandria VA 22313-1450</p>
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1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages \_\_\_\_\_]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 1 \_\_\_\_\_]
5. Oath or Declaration [Total Sheets \_\_\_\_\_]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
name in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS Citations
13. ☐ Statement (IDS)/PTO-1449
14. ☐ Preliminary Amendment
15. ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
16. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
17. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
18. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:


☐ Continuation      ☐ Divisional      ☐ Continuation-in-part (CIP)      of prior application No.: .....

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_  
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number:  OR ☒ Correspondence address below

Name	Dr. Seree Pakarnseree				
Address	c/o Dr. Sukanya Jesadanont, Fac Sci Tech, Rajabhat Institute Chandrakasem 39/1 Ratchadaphisek Rd.				
City	Bangkok 10900	State	-	Zip Code	
Country	Thailand	Telephone	-	Fax	

Name (Print/Type)	Dr. Seree Pakarnseree	Registration No. (Attorney/Agent)	
Signature		Date	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

09/10/03 16569 U.S. PTO

PTO/SB/17 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Dr. Seree Pakarnseree
Examiner Name	
Art Unit	
Attorney Docket No.	Seree01-2003

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☒ Other ☐ None

☐ Deposit Account:

Deposit Account Number

Deposit Account Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

3. ADDITIONAL FEES		Large Entity		Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Code (\$)		
1051	130	2051	65		Surcharge - late filing fee or oath	
1052	50	2052	25		Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130		Non-English specification	
1812	2,520	1812	2,520		For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*		Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*		Requesting publication of SIR after Examiner action	
1251	110	2251	55		Extension for reply within first month	
1252	410	2252	205		Extension for reply within second month	
1253	930	2253	465		Extension for reply within third month	
1254	1,450	2254	725		Extension for reply within fourth month	
1255	1,970	2255	985		Extension for reply within fifth month	
1401	320	2401	160		Notice of Appeal	
1402	320	2402	160		Filing a brief in support of an appeal	
1403	280	2403	140		Request for oral hearing	
1451	1,510	1451	1,510		Petition to institute a public use proceeding	
1452	110	2452	55		Petition to revive - unavoidable	
1453	1,300	2453	650		Petition to revive - unintentional	
1501	1,300	2501	650		Utility issue fee (or reissue)	
1502	470	2502	235		Design issue fee	
1503	630	2503	315		Plant issue fee	
1460	130	1460	130		Petitions to the Commissioner	
1807	50	1807	50		Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180		Submission of Information Disclosure Stmt	
8021	40	8021	40		Recording each patent assignment per property (times number of properties)	
1809	750	2809	375		Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375		For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375		Request for Continued Examination (RCE)	
1802	900	1802	900		Request for expedited examination of a design application	
Other fee (specify)						
*Reduced by Basic Filing Fee Paid						
SUBTOTAL (3) (\$)						

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	375
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$)					375

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims Fee from below Fee Paid

Total Claims -20\*\* = X =

Independent Claims -3\*\* = X =

Multiple Dependent =

Large Entity		Small Entity		Fee Description	
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					

\*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Dr. Seree Pakarnseree	Registration No. (Attorney/Agent)	--
Signature	<i>Seree Pakarnseree</i>	Telephone	+66-2-714-1441
		Date	Sept 9, 2003

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